

What is claimed is:

1. An end surface structure of a heat pipe, comprising:

a first lid;

a second lid; and

5 a hollow pipe member with two opposing open ends and a wick structure attached to an interior sidewall thereof; wherein

vibrating the container;

each of the first and second lids includes an interlocking member along a periphery thereof and a flange extending radially and outwardly from the
10 interlocking member, the flanges have a thickness smaller than that of a sidewall of the pipe member.

2. The structure as claimed in Claim 1, wherein the hollow pipe member includes a cylindrical pipe.

3. The structure as claimed in Claim 1, wherein the first lid comprises a filling
15 tube mounted thereon.

4. The structure as claimed in Claim 1, wherein filling tube includes a sealing portion.

5. The structure as claimed in Claim 1, wherein the first and second lids are formed by press process.

20 6. The structure as claimed in Claim 1, wherein the first and second lids include curved surfaces.

7. The structure as claimed in Claim 6, wherein the curved surfaces include recessed surfaces.

25 8. The structure as claimed in Claim 6, wherein the curved surfaces include protruding surfaces.

9. The structure as claimed in Claim 1, wherein the flanges have peripheries larger than an internal periphery of the open ends.

10. The structure as claimed in Claim 9, wherein the flanges have peripheries no larger than an external periphery of the heat pipe.